

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Confirmation No. 8945**

Application No.: 10/655,985 )  
)  
Filing Date: September 5, 2003 )  
)  
Applicant(s): Guoming G. Zhu et al. )  
)  
Group Art Unit: 2863 )  
)  
Examiner: Michael P. Nghiem )  
)  
Title: Methods Of Diagnosing Open- )  
Secondary Winding Of An )  
Ignition Coil Using The )  
Ionization Current Signal )  
)  
Attorney Docket: 46107-0091 )

**AMENDMENT AND RESPONSE**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

This is in response to the Advisory Action mailed January 26, 2007 and the Final Office Action mailed November 8, 2006, for which the three-month shortened statutory period for response is set to expire on February 8, 2007. Kindly amend the above-identified application as follows and consider the remarks set forth below:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.